

AMENDMENTS TO THE CLAIMS

Claims 1-11 and 13-33 were pending at the time of the Action.

No claims are canceled in this Response.

Claim 6 is amended in this Response.

Accordingly, claims 1-11 and 13-33 remain pending.

1. (Previously amended) A method comprising:

receiving a request from a client device, the request comprising a hierarchical identifier;

comparing the hierarchical identifier with at least a portion of a configuration file to identify an appropriate user-mode process for handling the request; and

providing the request to the identified appropriate user-mode process.

2. (Previously amended) The method as recited in Claim 1, further comprising:

generating the configuration file via a user-mode administrative process.

1 3. (Previously amended) The method as recited in Claim 2, wherein
2 generating the configuration file comprises:

3 defining one or more logical associations between at least one candidate
4 hierarchical identifier and at least one candidate user-mode process; and
5 maintaining the one or more logical associations in a configuration store.
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7 4. (Previously amended) The method as recited in Claim 3, further
8 comprising:

9 maintaining one or more logical rules suitable for use in identifying the
10 appropriate user-mode process for handling the request.
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13 5. (Previously amended) The method as recited in Claim 1, wherein
14 providing the request to the identified appropriate user-mode process further
15 comprises:

16 providing the request via a non-shared interface associated with the
17 identified appropriate user-mode process.
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1 6. (Currently amended) The method as recited in Claim 1, wherein
2 causing the kernel-mode process to provide the client device generated-request to
3 the identified most applicable user-mode process further includes:

4 selectively queuing the client device generated request prior to providing
5 the client device generated request to the identified most applicable user-mode
6 process.

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8 7. (Previously amended) The method as recited in Claim 1, wherein
9 the request comprises a uniform resource locator (URL).
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12 8. (Previously amended) The method as recited in Claim 1, wherein
13 the appropriate user-mode process includes a user-mode web server process.
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15 9. (Previously amended) The method as recited in Claim 1, wherein
16 the appropriate user-mode process comprises at least one user-mode worker
17 process.
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10. (Previously amended) The method as recited in Claim 1, further comprising:

receiving the client request using a kernel-mode communication protocol process; and
providing the request to a kernel-mode process.

11. (Previously amended) The method as recited in Claim 10, wherein the kernel-mode communication protocol process comprises a kernel-mode TCP/IP process.

12. (Canceled)

13. (Previously amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

causing a kernel-mode process in a server device to compare a hierarchical identifier associated with a client device generated request with at least a portion of a configuration file to identify a most applicable user-mode process for handling the client device generated request within the server device; and

causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process.

1 14. (Original) The computer-readable medium as recited in Claim 13,
2 having further computer-executable instructions for performing steps comprising:
3 causing a user-mode administrative process to generate the configuration
4 file.

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6 15. (Original) The computer-readable medium as recited in Claim 14,
7 wherein causing the user-mode administrative process to generate the
8 configuration file, further includes:

9 providing a configuration store suitable for access by the user-mode
10 administrative process, wherein the configuration store defines one or more logical
11 associations between at least one candidate hierarchical identifier and at least one
12 candidate user-mode process.
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15 16. (Previously amended) The computer-readable medium as recited in
16 Claim 15, wherein the configuration store further includes one or more logical
17 rules suitable for use by the kernel-mode process in identifying the most
18 applicable user-mode process for handling the client device generated request
19 within the server device.
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17. (Previously amended) The computer-readable medium as recited in Claim 13, wherein causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process further includes:

providing a non-shared interface between the kernel-mode process and the identified most applicable user-mode process, such that the client device generated request can be provided to the identified most applicable user-mode process via the non-shared interface.

18. (Previously amended) The computer-readable medium as recited in Claim 13, wherein causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process further includes:

selectively queuing the client device generated request prior to providing the request to the identified most applicable user-mode process.

19. (Original) The computer-readable medium as recited in Claim 13, wherein the hierarchical identifier includes a uniform resource locator (URL).

1 20. (Original) The computer-readable medium as recited in Claim 13,
2 wherein the most applicable user-mode process includes a user-mode web server
3 process.

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5 21. (Original) The computer-readable medium as recited in Claim 13,
6 wherein the most applicable user-mode process includes at least one user-mode
7 worker process.

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10 22. (Previously amended) The computer-readable medium as recited in
11 Claim 13, having further computer-executable instructions for performing steps
12 comprising:

13 receiving the client device generated request using a kernel-mode
14 communication protocol process; and

15 providing the client device generated request to the kernel-mode process.
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18 23. (Original) The computer-readable medium as recited in Claim 22,
19 wherein the kernel-mode communication protocol process includes a kernel-mode
20 TCP/IP process.
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1 24. (Previously amended) The computer-readable medium as recited in
2 Claim 13, having further computer-executable instructions for performing steps
3 comprising:

4 causing the identified most applicable user-mode process to handle the
5 client device generated request.

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7 25. (Currently amended) An apparatus comprising kernel-mode web
8 server logic configured to receive a remotely generated request having a
9 hierarchical identifier suitable for handling by a user-mode process, and
10 selectively identify a most applicable user-mode process for handling the remotely
11 generated request.

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14 26. (Previously amended) The apparatus as recited in Claim 25, wherein
15 the kernel mode web server logic includes a universal listener (UL) process
16 operatively coupled to a kernel-mode TCP/IP process.

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19 27. (Original) The apparatus as recited in Claim 26, wherein the
20 universal listener (UL) process is further configured to operatively access a
21 configuration file.

1 28. (Original) The apparatus as recited in Claim 27, wherein the
2 configuration file specifies one or more logical associations between at least one
3 hierarchical identifier and at least one user-mode process.

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5 29. (Original) The apparatus as recited in Claim 25, wherein the
6 hierarchical identifier includes a uniform resource locator (URL).

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8 30. (Original) The apparatus as recited in Claim 27, further comprising
9 user-mode administrative logic operatively coupled to the kernel-mode web server
10 logic and configured to selectively alter the configuration file.

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13 31. (Original) The apparatus as recited in Claim 30, further comprising
14 a configuration store operatively accessible by the user-mode administrative logic.

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17 32. (Original) The apparatus as recited in Claim 25, further comprising
18 user-mode worker logic operatively coupled to the kernel-mode web server logic
19 and configured to provide the user-mode process.

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21 33. (Original) The apparatus as recited in Claim 25, wherein the kernel-
22 mode web server logic is operatively configured in a server device.
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